

Amendments to the Claims:

The Claim Listing that starts on the next page will replace all prior versions, and listings, of claims in the application.

Please amend claims 1, 14, 15, and 53-57 as indicated below. Material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

Please add new claim 58.

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Claim Listing:

1. (Currently Amended) A method of dispensing one or more medicaments, comprising:

providing a treatment plan having at least two rates of action for one or more medicaments;

selecting a different droplet size corresponding to each of the at least two rates of action; and

ejecting medicament droplets having each different droplet size from an ejection apparatus into a respiratory system of a subject according to the treatment plan, thereby allowing the one or more medicaments to act at two or more rates,

wherein ejecting medicament droplets includes ejecting droplets that include a bioactive agent in each of a pair of doses requested by the subject, wherein the pair of doses has an elapsed time between the doses, and wherein a droplet size of the droplets including the bioactive agent ejected in a later dose of the pair of doses is selected by the ejection apparatus based on the elapsed time.

2. (Canceled)

3. (Previously Presented) The method of claim 1, wherein selecting the different droplet size includes selecting a droplet size according to a predicted change in the droplet size produced during flight of the medicament droplets after ejection.

4. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets having each different droplet size from a distinct set of orifices of the same medicament ejection apparatus.

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5. (Previously Presented) The method of claim 1, wherein selecting the different droplet size includes selecting a different medicament composition for each rate of action, and wherein ejecting medicament droplets includes ejecting medicament droplets having each different medicament composition.

6. (Previously Presented) The method of claim 5, wherein selecting the different medicament composition includes selecting a different concentration of an excipient for each different medicament composition.

7. (Previously Presented) The method of claim 5, wherein selecting the different medicament composition includes selecting the same bioactive agent for each different medicament composition.

8. (Canceled)

9. (Previously Presented) The method of claim 1, wherein selecting the different droplet size includes selecting a size of medicament droplet according to a deposition site for the size of medicament droplet in the respiratory system, the deposition site defining an absorption rate that corresponds to one of the at least two rates of action.

10. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes forming medicament droplets of each droplet size adjacent orifices of a corresponding size.

11. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets of different sizes at nonoverlapping times.

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12. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets of each different droplet size within the same dose.

13. (Previously Presented) The method of claim 1, which further comprises selecting a composition for each different droplet size.

14. (Currently Amended) The method of claim 13, wherein the composition is selected from compositions having different amounts of the [[same]] bioactive agent.

15. (Currently Amended) The method of claim 1, wherein providing the treatment plan includes providing a treatment plan to treat addiction to nicotine, and wherein the bioactive agent is ~~at least one of the medicaments includes~~ nicotine or a nicotine analog.

16.-45. (Canceled)

46. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes ejecting the same medicament composition for each different droplet size.

47. (Previously Presented) The method of claim 1, wherein ejecting medicament droplets includes ejecting medicament droplets targeted for deposition on respective upper and lower mucosal regions of the respiratory system.

48. (Previously Presented) The method of claim 46, wherein ejecting medicament droplets includes ejecting medicament droplets of different droplet sizes targeted for deposition on an oral or nasal mucosal region and a pulmonary mucosal region.

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